



Great British
ENERGY | NUCLEAR

Supply Chain Brochure

Delivering Nuclear Differently





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How to work with Great British Energy – Nuclear

This brochure provides key information to help you engage with Great British Energy – Nuclear (GBE-N) and register for upcoming procurement opportunities.

Whether you're new to the sector or looking to expand your involvement, this guide is designed to support your journey.



About Great British Energy – Nuclear

GBE-N's mission is to safely advance new nuclear projects that provide secure, reliable, and sustainable energy.

As an arm's-length body sponsored by the Department for Energy Security and Net Zero, GBE-N is delivering the Government's new SMR programme.

Our expert team works closely with industry leaders, bringing together cutting-edge technology and a shared commitment to excellence.

An introduction to the Small Modular Reactor (SMR) Project

SMR: Purpose and Vision

In 2023, Great British Energy – Nuclear began the technology-selection process for Small Modular Reactors (SMRs). In June 2025, following a two-year selection process, Rolls-Royce SMR was selected as the preferred technology partner.

The programme will deliver three SMR units, with the first site confirmed at Wylfa on Anglesey, supported by more than £2.5 billion of government investment.

SMRs promise faster deployment and lower costs than traditional nuclear plants, thanks to their smaller size, factory-based modular manufacturing, and flexible siting options. SMRs, combined with new nuclear power stations at Sizewell C and Hinkley Point C, will deliver more nuclear energy to the grid in the 2030s than has been generated over the past half century. This represents the UK's biggest nuclear rollout for a generation.

The first Small Modular Reactor (SMR) project must demonstrate SMRs can be deployed safely, reliably, quickly, affordably, and repeatedly - laying the groundwork for future deployment of fleets of SMRs. SMRs are smaller and quicker to build than traditional nuclear plants, with efficiencies expected to be gained as lessons learned from the first unit are applied to subsequent ones.

Key objectives include:

- Boosting the UK's nuclear capability and capacity, including jobs, skills and supply chain growth
- Reducing design and build costs, timelines and risks through modern methods and design replication
- Establishing a robust project framework aligned with regulatory, economic and commercial standards to attract private investment
- Enhancing social value through investment in local communities

Procurement priorities: What we're looking to buy

Delivering SMR power stations involves a complex supply chain. GBE-N will manage the first UK SMR project, engaging suppliers to deliver enabling infrastructure, including site preparation and ancillary works, access (road, rail and potentially marine), utilities, security and other civil and engineering capabilities.

GBE-N has selected Rolls-Royce SMR Limited (RR SMR) as the Preferred Bidder for the Technology Partner role, subject to government approvals and contract signature. RR SMR will design the power station and construct the Nuclear and Conventional Turbine Islands.

GBE-N will engage suppliers for many capabilities, including those summarised below and at Annex A:

- Owner's Engineer (procurement commenced June 2025)
- Delivery Partner
- Professional Support Services – various
- IT and Digital Solutions – various
- Site / Estate Management Services
- Office supplies and equipment – various
- Construction, Engineering and Infrastructure skills to deliver the Owner's Scope element of the project – including, but not limited to, Balance of Plant, Mechanical Electrical and Heating, Air, and Cooling, Engineering Design Services, Associated Developments, Early works, temporary site works and other ancillary works





Your gateway to Supply Chain Engagement

GBE-N's procurement activity is fair, transparent and legally compliant. As an arm's-length body sponsored by the Department for Energy Security and Net Zero, GBE-N follows public procurement rules, including the Public Contracts Regulations 2015 and the Procurement Act 2023.

GBE-N will select the most appropriate route to market on a case-by-case basis. Opportunities may be advertised on the Find a Tender Service (using either the Open Procedure or Competitive Flexible Procedure).

In other cases, GBE-N will use Crown Commercial Service (CCS) frameworks or Direct Awards. GBE-N's Commercial Pipeline is published on GOV.UK.

Please note that the pipeline currently shows opportunities advertised via Find a Tender only and does not yet include CCS or Direct Award opportunities.

Registering for upcoming GBE-N procurement opportunities

Guidance on registering your organisation on Find a Tender can be found online. To express interest, suppliers must register on the Find a Tender Service and complete a Pre-Selection Questionnaire (PSQ). As part of the PSQ, suppliers may be required to provide information on their economic and financial standing, including details relating to parent or group companies. Some GBE-N requirements will be procured through CCS frameworks. Registered framework suppliers will be notified as part of those procurement processes.

Getting started with Crown Commercial Service Frameworks

Crown Commercial Service (CCS) is the UK's largest public procurement organisation and an executive agency of the Cabinet Office. CCS enables the private sector to sell services, works, and goods to public sector organisations in a variety of ways:

- Frameworks
- Catalogues
- Dynamic purchasing systems (DPS)/ Dynamic Markets
- Low value purchase systems

Further information in CCS existing agreements.

What is GBE-N looking for in a perfect partner?

GBE-N requires its commercial partners to maintain an excellent health and safety record with proactive risk reduction; uphold the highest legal and ethical standards and act with integrity; support the delivery of GBE-N's strategic objectives; deliver value for money; promote best practice; act fairly, transparently and proportionately; and always act in the best interests of the project.

Maximising value for money

GBE-N's commercial activities aim to maximise project success while minimising risk at an appropriate and affordable price. Value is assessed across a range of factors, including health, safety and security; social value; schedule duration and certainty; cost and cost certainty; quality and reliability; scalability and repeatability; innovation; tolerable risk; and affordability.

How GBE-N will assess supplier proposals

GBE-N will develop evaluation criteria tailored to each requirement and may include:

- Technical quality and capability
- Cost and time
- Social value

Weightings will be explained in the tender documents. GBE-N will award contracts based on the Most Advantageous Tender (MAT).

Skills and Inclusion in the Nuclear Supply Chain

GBE-N's purpose and mission is to support investment in new nuclear skills and skills for new nuclear. We are committed to re-invigorating the UK's nuclear economy and want to collaborate with suppliers who share this mission.

We are particularly keen to work with suppliers who:

- Invest in UK nuclear capability and capacity, including creating new jobs and skills
- Build ethical and transparent supply chains
- Reduce barriers to entry and support SMEs
- Invest in and support local communities
- Promote diversity and inclusion across the workforce
- Are committed to environmental sustainability

Driving inclusion across the Supply Chain. We welcome bids from:

- Small and medium-sized enterprises (SMEs)
- Voluntary, community and social enterprises (VCSEs)
- Local suppliers

We aim to reduce barriers and simplify processes wherever possible.

Other mandatory requirements

Health, Safety and Security

Suppliers must assess and manage health, safety and security risks in line with relevant legislation, including cybersecurity, physical and information security.

Cyber Essentials

All suppliers must hold Cyber Essentials or Cyber Essentials Plus certification (or demonstrate equivalent controls), renewed annually.

Security Requirements

Most requirements will require Baseline Personnel Security Standard checks; some may require Security Clearance or Developed Vetting.

Ethical Sourcing and Human Rights

Suppliers must comply with the Modern Slavery Act 2015 and relevant international standards.

Ethics and Integrity

GBE-N has zero tolerance for criminal convictions (fraud, corruption, money laundering), and breaches of tax obligations.

Environmental Sustainability

Suppliers must demonstrate environmental stewardship, including carbon reduction and waste minimisation.

Subsidy Control

Suppliers must comply with the Subsidy Control Act 2022. GBE-N will not provide unlawful subsidies.

Export Control

Suppliers are responsible for complying with all applicable export control legislation.

Information Security

Supply partners are required to consider whether any information handled by the supply chain or exchanged with GBE-N is classified, as defined in the Anti-Terrorism, Crime and Security Act 2001, the Energy Act 2013 and the Nuclear Industries Security Regulations (NISR) 2003. Suppliers must implement appropriate controls for the handling of classified and sensitive information.

Prompt Payment

Suppliers are expected to comply with 30-day payment terms throughout the supply chain, with shorter terms for SMEs.

Contract management

Regular reviews will measure, monitor, and report health, safety, security, performance against KPIs, risks, opportunities and continuous improvement. Suppliers will be required to capture near misses and incidents, investigate the root causes and undertake corrective action plans where appropriate. GBE-N will proactively exit contractual relationships where there are no credible or viable options to recover performance.

Once awarded, contracts are actively managed through:

- Key Performance Indicators
- Regular reviews
- Open communication
- Continuous improvement
- Open book accounting
- Rights of audit

Ongoing Performance Management

As part of our obligations under the Procurement Act 2023, GBE-N must:

- Assess performance annually against KPIs
- Publish results in a Contract Performance Notice
- Publish a Poor Performance Notice if: A supplier breaches the contract (leading to termination damages or settlement) or A supplier fails to meet performance expectations after being given a chance to improve.
- All performance notices must be published on the central digital platform which can be viewed by other suppliers and other authorities.
- We value collaborative relationships with our suppliers and for key suppliers we will expect them to hold or commit to working towards ISO44001.





How will GBE-N manage conflict of interest?

GBE-N has developed a Conflict-of-Interest (COI) Matrix that sets out the rules to be applied when assessing corporate conflicts of interest in relation to the SMR Project.

The COI Matrix, which reflects GBE-N's assessment of conflicts of interest as at September 2025, is provided at Annex C. It identifies the key capabilities GBE-N plans to procure to support the SMR Project and indicates whether an organisation or consortium member may act in multiple capacities across these capabilities.

The Matrix may be updated in the future to reflect changes in the political, legal, or regulatory context, project strategy, or market developments.

Please consider your corporate priorities in the context of this COI Matrix and make tendering decisions accordingly.

For general enquiries or supplier support, please contact:
**supplychain@
greatbritishnuclear.uk**

Annex A

Programme components A contract view

SMR Projects																
Permanent Works															Temporary Works	
Plant														Associated Development	Enabling Works	
Unit							Site Ancillaries									
Nuclear Island				Conventional Island			Balance of Plant									
Nuclear Stream Supply Systems (NSSS)	Reactor Safety & Auxiliary Systems	Fuel Storage & Handling	Main Control Room	Turbine-generator set	Condensing & Feedwater Systems	High voltage electrical systems	Cooling water systems	Radwaste systems	Fire / Raw / Demineralised water systems	Gas / Chemical storage	Offices, welfare, training, workshops, outage buildings	Security, access control, fencing & emergency response	Carparks, roads, hard-standing	Site drainage, services, lighting	Off-Site supporting infrastructure	Construction site establishment
TP Scope							Design				Other GBE-N / DevCo procured contract(s)					
							Civil Construction									
							Manufacture / Supply									
TP Scope							MEH Installation				Other GBE-N / DevCo procured contract(s)					
							Overall Commissioning									
Other GBE-N / DevCo procured contract(s)							Operations & Maintenance									

Delivery Partner	Civils Partner (Civils)	fENG > Design Partner (non-TP)		Marine Works	Enabling Works
Technology Partner	Operator (> OpCo)	Equipment Supply ()		Construction Partner (BOP)	Associated Developments



Annex B

Links to new Construction agreements

Construction works & associated services RM6320, out to tender Winter 2025, estimated live date Autumn 2026.

Further details about this procurement can be found on our framework webpage.

Construction Professional Services, RM6356, out to tender September 2025, Award Feb 2026

<https://www.crowncommercial.gov.uk/agreements/RM6356>

Links to existing Construction agreements

Construction works & associated services RM6320

<https://www.crowncommercial.gov.uk/agreements/RM6088>

Construction Professional Services RM6165

<https://www.crowncommercial.gov.uk/agreements/RM6165>

Construction Professional Services DPS, RM6242

<https://www.crowncommercial.gov.uk/agreements/RM6242>

Annex C

Conflicts of Interest Matrix

	Technology Partner	Owner's Engineer	Foundation Engineering	Foundation Project Management and Commercial Services	Balance of Plant/ Mechanical Electrical and HVAC	Associated Developments	Engineering Partner	Delivery Partner	Site Groundworks and Civils	Operator Capability	Site Surveys/ Archaeological Surveys / Major Permissions
Technology Partner	n/a	⚠	✓	⚠	✓	✓	✓	✗	✓	✓	✓
Owner's Engineer	⚠	n/a	✗	✗	✗	✗	✗	✗	✗	✗	✓
Foundation Engineering	✓	✗	n/a	⚠	✓	✓	✓	✓	✓	✓	✓
Foundation Project Management and Commercial Services	⚠	✗	⚠	n/a	TBC - depending on timing - post fPMCS	TBC - depending on timing - post fPMCS	✓	✓	TBC - depending on timing - post fPMCS	✓	✓
Balance of Plant / Mechanical Electrical and HVAC	✓	✗	✓	TBC - depending on timing - post fPMCS	n/a	✓	✓	✗	✓	✓	⚠
Associated Developments	✓	✗	✓	TBC - depending on timing - post fPMCS	✓	n/a	✓	✗	✓	✓	✓
Engineering Partner	✓	✗	✓	TBC - depending on timing - post fPMCS	✓	✓	n/a	✗	✓	✓	✓
Delivery Partner	✗	✗	✓	✓	✗	✗	✗	n/a	✗	✓	✓
Site Groundworks and Civils	✓	✗	✓	TBC - depending on timing - post fPMCS	✓	✓	✓	✗	n/a	✓	✓
Operator Capability	✓	✗	✓	✓	✓	✓	✓	✓	✓	n/a	✓
Site Investigations / Archaeological Surveys/ Major Permissions	✓	✓	✓	⚠	✓	✓	✓	✓	✓	✓	n/a

✓	Contractor and its Supply Chain can act in both capacities subject to modeling the alliance incentive arrangements and subject to demonstration of suitable conflict of interest mitigation measures, including how COI will be managed at corporate level.
⚠	P Contractor and its consortia members cannot act in both capacities, but Tier 1 Supply chain COULD act, subject to demonstration of suitable conflict of mitigation measures, including how COI will be managed at corporate level.
✗	Contractor, its consortia members or Contractor Tier 1 Supply Chain members cannot act in both capacities subject to modelling the alliance incentive arrangements.



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